CIVIL TECH LABS

Accredited by **NABL** as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Yelahanka New Town Sub Division,
BBMP.

09th June 2015

Dear Sir,

Sub: Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No.03.
Name of Agency	Sri. Y. A. Dhanashekar
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work	12/05/2015	09/06/2015	28	8.16	352	**15.64**	**15.79**
2					8.18	360	**16.00**	
3					8.17	354	**15.73**	

Note:
1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

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T-2654

To,

Assistant Executive Engineer
Yelahanka New Town Sub Division,
BBMP.

17th June 2015

Dear Sir,

Sub: Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS

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TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Name of Agency	Sri. Y. A. Dhanashekar
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 mm²
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl. No.	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	CC-Work (RCC)	20/05/2015	17/06/2015	28	8.18	485	**21.56**	**21.48**
2					8.17	475	**21.11**	
3					8.19	490	**21.78**	

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Lab Incharge
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T-2654

To,

Assistant Executive Engineer
Yelahanka New Town Sub Division,
BBMP.

08th May 2015

Dear Sir,

Sub: Testing of Materials.

As requested, the required tests were carried out for the materials the samples supplied by you, for the work of **'Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03'.**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

TEST ON CEMENT

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Name of the Agency	Sri. Y. A. Dhanashekar
Date of Testing	08/05/2015

Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112:1989	Remarks
	IS Code	Method	Value	Unit		
Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	49	min	Not Less Than 30 Minutes	Satisfies Requirement
Final Setting Time	IS-4031 (Part-5) 1988	VICAT	489	min	Not More Than 600 Minutes	Satisfies Requirement
Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	3	mm	Not More Than 10 mm	Satisfies Requirement

Note:

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4. The results are based on the test conducted on samples supplied by the client.

Lab Incharge
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TEST REPORT

TEST ON FINE AGGREGATES Ref:IS:383/2386

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Name of the Agency	Sri. Y. A. Dhanashekar
Date of Testing	08/05/2015
Specific Gravity	2.57

Sample	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970				Grading Zone
			ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
River Sand	10	100	100	100	100	100	II
	4.75	98.8	90-100	90-100	90-100	95-100	
	2.36	86.3	60-95	75-100	85-100	95-100	
	1.18	76.2	30-70	55-90	75-100	90-100	
	0.6	48.4	15-34	35-59	60-79	80-100	
	0.3	23.5	5-20	8-30	12-40	15-50	
	0.15	7.2	0-10	0-10	0-10	0-15	

Note:

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4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
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TEST REPORT

TEST ON COARSE AGGREGATES 40mm ↓ Graded Ref:IS:383/2386

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Name of the Agency	Sri. Y. A. Dhanashekar
Date of Testing	08/05/2015
Specific Gravity	2.68
Water Absorption in %	0.28

IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)	Remarks
80	100	100	Satisfies the requirement
40	99.1	95-100	
20	55.3	30-70	
10	26.2	10-35	
4.75	3.8	0-5	

Note:

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4. The results are based on the test conducted on samples supplied by the customer.

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TEST REPORT

TEST ON COARSE AGGREGATES 20mm ↓ Graded Ref:IS:383/2386

Name & Address of the Customer	AEE, Yelahanka New Town Sub Division, BBMP
Name of Work	Construction of lead of drain 4th main and 5th cross roads in Attur Layout in Attur Ward No:03.
Name of the Agency	Sri. Y. A. Dhanashekar
Date of Testing	08/05/2015
Specific Gravity	2.62
Water Absorption in %	0.31

IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement as per IS:383-1970 (Reaffirmed 2011)	Remarks
40	100	100	Satisfies the requirement
20	98.5	95-100	
10	41.1	25-55	
4.75	8.3	0-10	

Note:
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4. The results are based on the test conducted on samples supplied by the customer.

Lab Incharge
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